

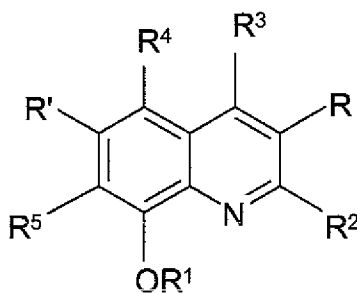
## AMENDMENT

The following is a listing of the claims currently pending in the above-identified application. This listing of the claims replaces all prior versions thereof. Cancellation of claims and/or subject matter in claims is without prejudice.

### LISTING OF CLAIMS

1-29. (Cancelled)

30. (Currently Amended) A compound of the formula



or pharmaceutically acceptable salts, hydrates or solvates thereof in which

$R^1$  is H;

$R^2$  is ~~optionally substituted  $C_{1-6}$  alkyl~~; optionally substituted  $C_{2-6}$  alkenyl;

optionally substituted aryl; optionally substituted heterocyclyl;  $COR^6$ ;  $CSR^6$ ; CN;  $(CH_2)NR^9R^{10}$ ;

$HCNOR^9$ ;  $HCNNR^9R^{10}$ ;  $OR^{11}$ ;  $SR^{11}$ ;  $NR^{11}R^{12}$  or  $SO_2NR^{13}R^{14}$ ;

$R^6$  is H,  $C_{1-6}$  alkyl, optionally substituted  $C_{2-6}$  alkenyl, hydroxy, optionally

substituted aryl, optionally substituted heterocyclyl,  $SR^7$  or  $NR^7R^8$ ;

$R^7$  and  $R^8$  are either the same or different and selected from H, optionally substituted  $C_{1-6}$  alkyl, optionally substituted  $C_{2-6}$  alkenyl, optionally substituted aryl and optionally substituted heterocyclyl;

$R^9$  is H, optionally substituted  $C_{1-6}$  alkyl, optionally substituted  $C_{2-6}$  alkenyl, optionally substituted aryl or optionally substituted heterocyclyl;

$R^{10}$  is hydrogen, methyl, propyl, isopropyl, butyl, isobutyl, sec-butyl, tert butyl, pentyl, neopentyl, hexyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, optionally substituted  $C_{2-6}$  alkenyl, optionally substituted aryl or optionally substituted heterocyclyl;

$R^{11}$  is H, optionally substituted  $C_{1-6}$  alkyl, optionally substituted  $C_{2-6}$  alkenyl, optionally substituted aryl or optionally substituted heterocyclyl or together with  $R^{12}$  form optionally substituted heterocyclyl;

$R^{12}$  is optionally substituted  $C_{1-6}$  alkyl, optionally substituted  $C_{2-6}$  alkenyl, optionally substituted aryl or optionally substituted heterocyclyl or together with  $R^{11}$  form optionally substituted heterocyclyl;

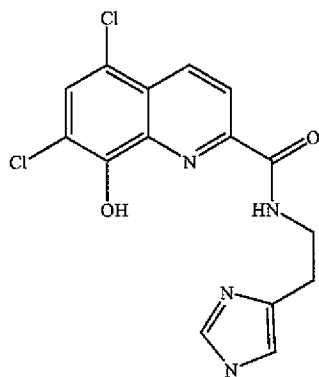
$R^3$ , R and  $R'$  are either the same or different and selected from H, optionally substituted  $C_{1-6}$  alkyl, optionally substituted  $C_{2-6}$  alkenyl, optionally substituted  $C_{1-6}$  alkoxy, optionally substituted acyl, hydroxy, optionally substituted amino, optionally substituted thio, optionally substituted sulphonyl, optionally substituted sulphinyl, optionally substituted sulphonylamino, halo,  $SO_3H$ , amine, CN,  $CF_3$ , optionally substituted aryl and optionally substituted heterocyclyl; and

$R^4$  and  $R^5$  are chloro,

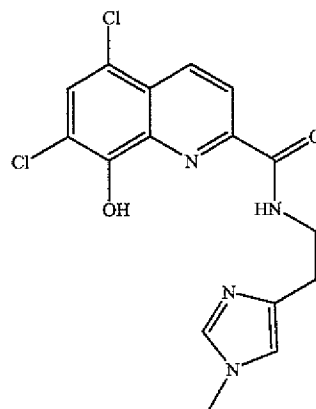
wherein the optional substituent is  $C_{1-6}$  alkyl,  $CF_3$ , fluorine, chlorine, iodine, cyano,  $C_{1-6}$  alkoxy, 5 or 6-membered aryl, heteroaryl, amino or  $C_{1-6}$  alkylamino.

31. (Currently Amended) The compound according to Claim 30 in which either  $R^2$  is optionally substituted aryl, optionally substituted heterocyclyl,  $CH_2NR^9R^{10}$  or  $COR^6$  or at least one of  $[R^2]$ ,  $R$ ,  $R^3$  and  $R'$  is optionally substituted  $C_{1-6}$  alkyl, optionally substituted aryl, optionally substituted heterocyclyl,  $CH_2NR^9R^{10}$  or  $COR^6$  in which  $R^6$  is  $NR^7R^8$  or  $NR^{11}R^{12}$ .

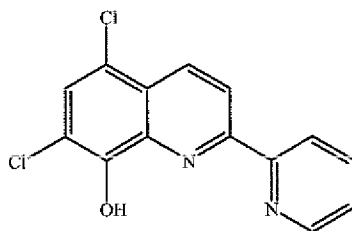
32. (Previously Submitted) A compound of the formula



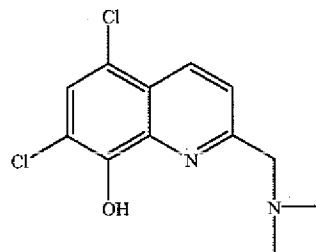
PBT 1038



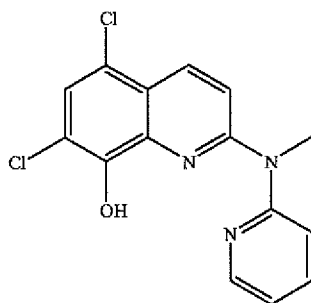
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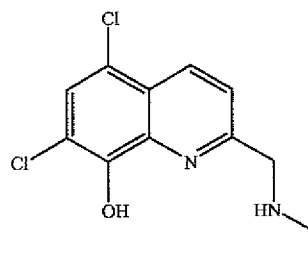
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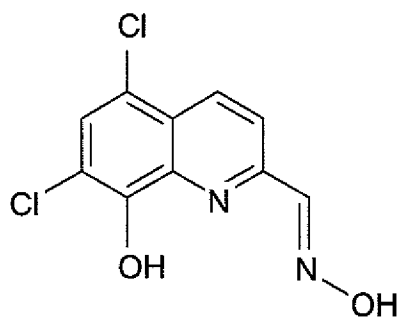
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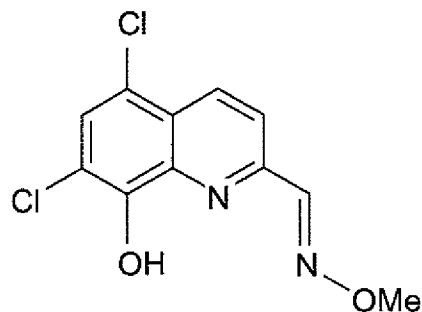
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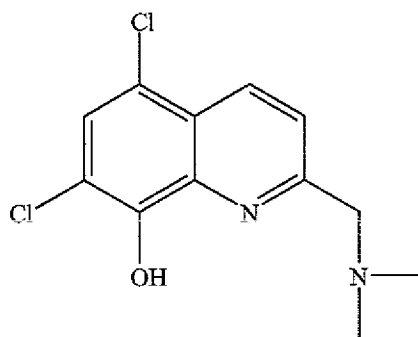
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PBT 1032

or pharmaceutically acceptable salts, hydrates or solvates thereof.

33. (Previously Submitted) The compound according to Claim 32 having the formula



PBT 1033

or pharmaceutically acceptable salts, hydrates, or solvates thereof.

34. (Previously Submitted) A pharmaceutical composition comprising a therapeutically effective amount of a compound according any one of claims 30, 32 or 33 in association with a pharmaceutically acceptable carrier.

35. (Previously Submitted) The pharmaceutical composition according to Claim 34 which additionally comprises a medicament, said medicament being an inhibitor of the

acetylcholinesterase active site, an antioxidant, an anti-inflammatory agent or an oestrogenic agent.